

WGU D220 Exam (Latest 2023/ 2024 Update) Information Technology in Nursing Practice | Complete Guide with Questions and Verified Answers| 100% Correct| Grade A

Q: Define learning healthcare system

Answer:

health system in which internal data and experience systematically integrated with external evidence, and knowledge is put into practice

Q: What is essential to a learning healthcare system?

Answer:

strong leadership, effective use of data in the clinical setting, and both a culture and workforce committed to continuous learning and improvement.

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Q: Define knowledge worker

Answer:

Previous knowledge and experience are applied to take action or intervene in some way

Q: What changes in the healthcare system increased the demand for knowledge workers?

Answer:

Demands for safe accessible quality care

Q: Define standardized languages and terminologies

Answer:

Structured and controlled languages developed according to terminology development guidelines and approved by an authoritative body.
Ensures that a concept had the same meaning in all settings

Q: What are the benefits of the use of data standardization

Answer:

facilitate collecting sorting retrieval selection and aggregation of data

Q: What are the consequences if data standardization is not used?

Answer:

A lack of data
standardization jeopardizes opportunities for learning because important data may not be available for analysis

Q: Define Evidence-based practice

Answer:

Using current best evidence for patient care decisions in order to improve patient outcomes

Q: How can you identify reliable sources of data?

Answer:

If information has .gov, .edu, or .org

Q: Define Big Data

Answer:

A collection of large data which cannot be analyzed without the use of information technology

Q: How does big data relate to Meaningful Use?

Answer:

Provides insights into areas where quality can be improved

Q: How does Big Data differ from Business intelligence

Answer:

Big data refers to large data sets that exist typically within organizations where business intelligence refers to the utilization of this data for analytical purposes from which actionable information can be derived to make more informed business decisions.

Q: Define data analytics

Answer:

The science of analyzing raw data to make conclusions about information

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Q: How does data analytics support bedside care

Answer:

Helps organizations evaluate and detect anomalies in scans and predict outbreaks in illness

Q: What are the differences between the concept of information management and knowledge management

Answer:

Information management focused on data and IT(collecting, storing and accessing information, while knowledge management is focused on people and processes (is creating, sharing, using, and managing knowledge)

Q: Define correlates

Answer:

either two things so related that one directly implies or is complementary to the other, EX: husband and wife/ brain size as it correlates with intelligence

Q: Give three examples of health correlates

Answer:

poor nutrition(obesity) , lack of physical activity (diabetes)and smoking (increases risk for cancer)

Q: Define Conditions

Answer:

A restricting, limiting, or modifying circumstance

Q: Explain the two ways that health conditions are measured

Answer:

physical mea- surements and metric measurements

Q: Define Care

Answer:

watchful or protective attention, caution, concern, prudence, or regard usually towards an action of situation. How healthcare is delivered to the community

Q: Define Cost

Answer: